

## ELECTROMAGNET ASSEMBLY FOR ELECTROMAGNETIC APPARATUS

## **ABSTRACT OF THE DISCLOSURE**

An electromagnet assembly for an electromagnetic apparatus has a ring member, a coil bobbin having an electrical wire wound a spool of the ring member, and a ring case. The ring member is disposed in an annular groove of the ring case. An opening is formed through the ring case adjacent to its closed end surface. A connector is disposed on the ring case adjacent to its closed end surface and covers the opening. A first and a second ends of the electrical wire and a first and a second ends of a lead wire are joined in, respectively the connector. A projection portion formed on the connector is inserted into the opening, and is fixed adhesively to an end surface of the ring member of the coil bobbin.